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Copper Cable

Category 5e, industrial, 2-pair, SF/UTP copper cable; stranded copper conductors are 24/7 AWG with PE insulation. Conductors are twisted in pairs, surrounded by an overall metallic foil and braided sleeve, and covered with a PUR jacket for enhanced chemical resistance and mechanical performance. Cable is tested to support high flex and torsion applications.

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Specifications

Overall Length (ft.)	1640
Overall Length (m)	500
Jacket Material	Polyvinyl chloride
Conductor Gauge (AWG)	24
Cable Type	SF/UTP
Nominal Diameter (In.)	0.252
Nominal Diameter (mm)	6.4
Insulation Diameter (In.)	0.05
Insulation Diameter (mm)	1.3
Number of Pairs	2
Sub Brand	IndustrialNet™
Maximum Operating Temperature (°C)	80
Maximum Operating Temperature (°F)	176
Minimum Operating Temperature (°C)	-40
Minimum Operating Temperature (°F)	-40
Maximum Installation Temperature (°C)	80
Maximum Installation Temperature (°F)	176
Minimum Installation Temperature (°C)	-40
Minimum Installation Temperature (°F)	-40
Package Type	Reel
Color	Red
Flammability Rating	LSZH-1 (60332-1)
Length (ft.)	1640
Application	Industrial
Note	Available in all regions
Part Features	Third party tested, Ethernet/IP Compliant, Descending length cable markings, Packaged on a reel.
Performance Level	Category 5e
Min. Order Qty.	6

Packaging Detail

UPC	07498361561
Std. Pkg. Qty.	1
Std. Pkg. Volume (cf)	1.6526
Std. Ctn. Qty.	12
Std. Ctn. Volume (cf)	19.8315

Resources

Technology Briefs	Power Over Ethernet With Panduit Copper Cabling	US English	View PDF (662 KB)	Download PDF	Share PDF
Specification Sheets	IndustrialNet™ Category 5e SF/UTP Copper Cable	US English	View PDF (222.27 KB)	Download PDF	Share PDF
Case Studies	Automotive Manufacturer Case Study: CPC562--WW-ENG	US English	View PDF (5.43 KB)	Download PDF	Share PDF
Certifications	Declaration of Performance: PAN-DOP-CL001	US English	View PDF (226 KB)	Download PDF	Share PDF
Certifications	ETL Report of Test Certificate (ISFX5502A-LED)	US English	View PDF (61.78 KB)	Download PDF	Share PDF

Related Products



ISFX5502ATL-LED

Category 5e, industrial, 2-pair, SF/UTP copper cable; stranded copper conductors are 24/7 AWG with PE insulation. Conductors are twisted in pairs, surrounded by an overall metallic foil and braided sleeve, and covered with a PUR jacket for enhanced chemical resistance and mechanical performance. Cable is tested to support high flex and torsion applications.



ISFCH5C04ATL-XG

Category 5e, industrial, (CM/CMX), 4-pair, SF/UTP copper cable; stranded copper conductors are 24/7 AWG with HDPE insulation. Conductors are twisted in pairs and wrapped with a TPE jacket for high flex industrial Ethernet applications. The jacket is oil, sunlight, weld splatter, and abrasion resistant for enhanced chemical resistance and mechanical performance. This cable is rated for 600 V panel or on-machine applications when the space is shared with high voltage power cables.



ISFCH5C04ABL-XG

Category 5e, industrial (CM/CMX), 4-pair, SF/UTP copper cable; stranded copper conductors are 24/7 AWG with HDPE insulation. Conductors are twisted in pairs and wrapped with a foam polypropylene tape to form a core. Both pairs are surrounded by an overall braided shield and metallic foil and covered with a TPE jacket for high flex industrial Ethernet applications. The jacket is oil, sunlight, weld splatter, and abrasion resistant for enhanced chemical resistance and mechanical performance. This cable is rated for 600 V panel or on-machine applications when the space is shared with high voltage power cables.

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